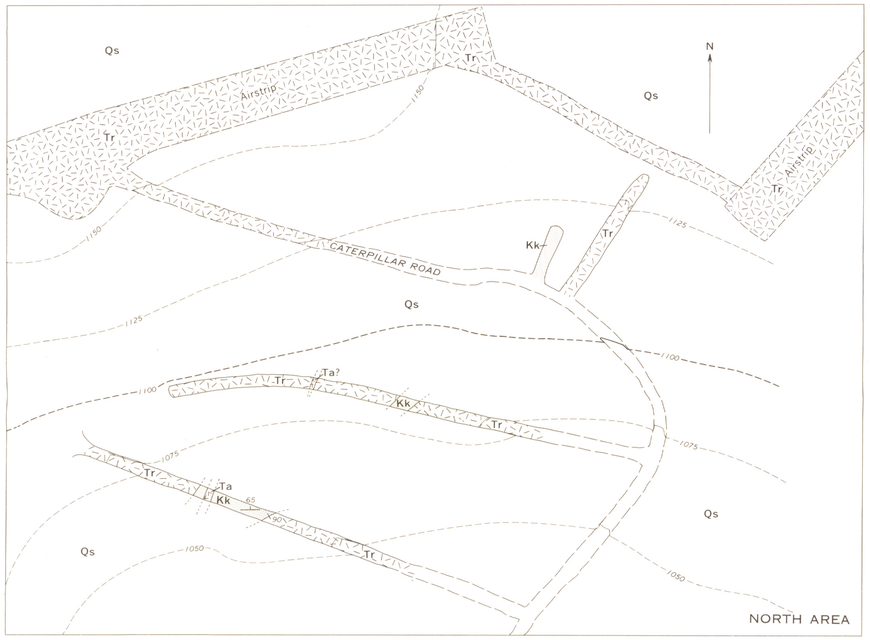
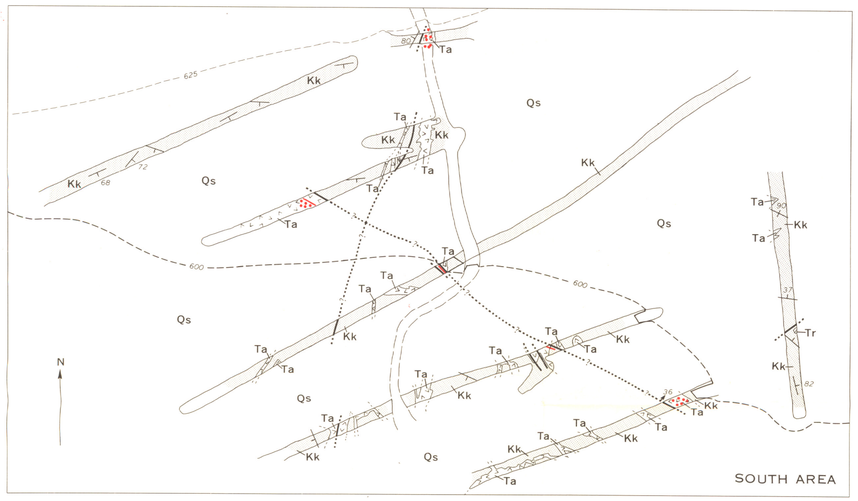
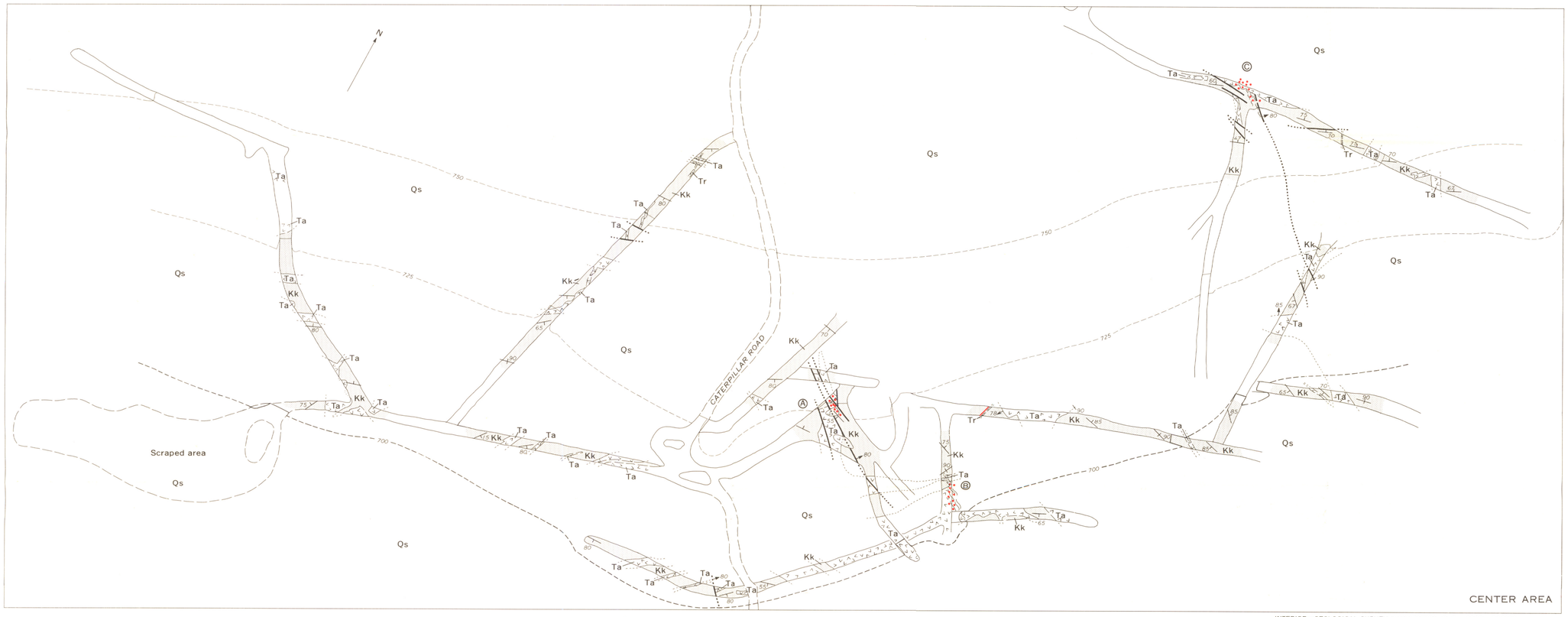
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 1187
PLATE 6







EXPLANATION

Qs — Surficial deposits
Principally windblown silt and frost-broken regolith covered by peat and tundra

Tr — Rhyolite porphyry
Greenish-gray to bluish-white rhyolite porphyry with phenocrysts of smoky quartz

Ta — Altered diabase and (or) andesite
Textures and colors extremely variable in part owing to weathering. Hardest facies consist generally of light-olive-gray to light-greenish-gray fine-grained porphyritic andesite or diabase containing specks of pyrite or pyrrhotite and apple-green feldspar. At surface weathered to clay minerals and limonite. Some parts converted to silica-carbonate rock. Some dikes amygdaloidal

Kk — Kuskokwim Group
Interbedded fine- to coarse-grained graywacke and black shale

QUATERNARY
TERTIARY
TERTIARY (?)
CRETACEOUS

70 90 — Contact
Showing dip. Dashed where approximately located; dotted where concealed

80 — Fault
Showing dip. Queried where inferred; dotted where concealed

90 — Vertical fault

Fault zone

70 — Strike and dip of beds

Strike of beds and direction of dip where amount of dip is unknown

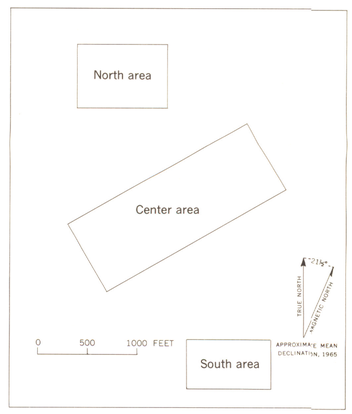
60 — Strike of vertical beds

Ore veinlet
Consists of cinnabar and (or) stibnite in veinlet with gangue of quartz and (or) carbonate and clay minerals

Disseminated cinnabar
Includes disseminated cinnabar and filled fractures less than 1 foot long

Ta Kk — Outline of surface trench or stripped area
Showing bedrock type where determinable in August 1959. Blank areas in trenches denote covered areas

Ⓐ — Area containing cinnabar discussed in text



LOCATION AND RELATIVE SIZES OF TRENCHED AREAS

Base map from planetable survey by C.M. Taylor and C. L. Sainsbury

100 0 100 200 300 400 FEET

CONTOUR INTERVAL 25 FEET
DATUM IS SEA LEVEL BASED UPON AN ASSUMED ALTITUDE OF 1150 FEET FOR EAST END OF AIRSTRIP

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Geology by C. L. Sainsbury and C. M. Taylor, 1959

GEOLOGIC MAP OF TRENCHES AT THE RHYOLITE PROPERTY, JUNINGGULRA MOUNTAIN, KUSKOKWIM MOUNTAINS, ALASKA